

Oil-Immersed Transformer – S11-2000KVA

Product Overview

The S11-2000KVA oil-immersed power transformer is designed for efficient and reliable voltage transformation in 10kV/0.4kV power distribution networks. Built with high-grade silicon steel and advanced winding technology, this transformer minimizes energy losses and ensures stable performance in both industrial and utility environments.



Technical Specifications

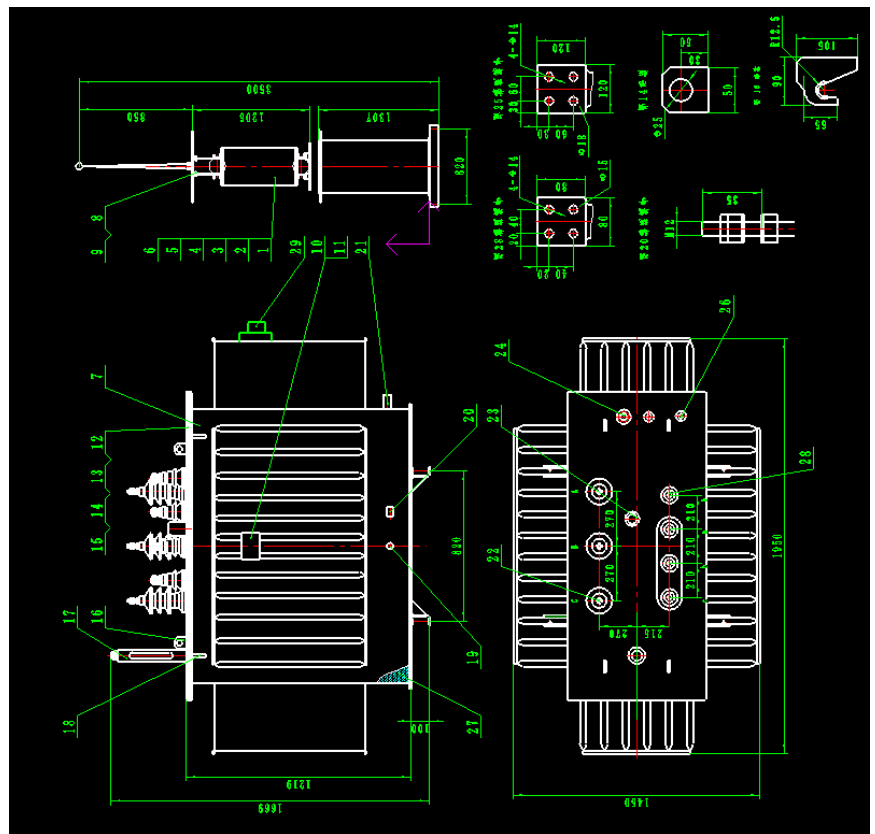
No.	Item	Unit	Offered
1	Model	1	S-2000/12.5-0.48
2	Rated Capacity	kVA	2000
3	Rated Primary Voltage	kV	12.5
4	Rated Secondary Voltage	kV	0.48
5	Rated Current (H.V./L.V.)	A	92.38 / 2405.70
6	Rated Frequency	Hz	50 / 60
7	Impedance Voltage	%	5
8	Vector Group	/	Dyn11 / Yyn0
9	Tapping Type	/	off-load
10	Winding		Copper
11	Tapping Range	%	±2×2.5%
12	No-load Loss	W	2900
13	Load Loss	W	18300
14	No-load Current	%	0.4
15	Insulation Class	/	A
17	Cooling Method	/	ONAN
18	Temperature Rise (Winding)	K	65
19	Temperature Rise (Top Oil)	K	55
15	Standard Lightning Impulse Withstand Voltage (H.V./L.V.)	kV	LI 105 / LI -
16	Short Duration Power Frequency Withstand Voltage (H.V./L.V.)	kV	AC45 / AC5

Key Features

- Low Loss Design – S11 series transformers reduce no-load and load losses by over 30% compared to older S9 models.
- Low Noise Operation – Optimized core design and structural damping ensures minimal operating sound levels.
- Strong Insulation System – Thermally upgraded insulation improves durability under overload and temperature stress.
- Advanced Cooling – Efficient oil-air natural cooling system prolongs transformer life and maintains stability.
- Maintenance Friendly – Equipped with oil level indicators, pressure relief devices, and temperature sensors.

Applications

- Electrical distribution networks
- Industrial power systems
- Utility substations
- Commercial buildings
- Renewable energy (wind/solar) interconnection points



About Us

We are a leading power equipment supplier, offering advanced transformer technology with guaranteed performance, safety, and durability. Our S11 series transformers are built to international standards and delivered with full factory testing certifications.